

One-way range corrections for station 7840 Herstmonceux from engineering analysis: add the TOTAL correction to the one-way satellite range during the dates given in columns A & B.

START Year DOY (YYMMDD) at 00:00:00 [A]	STOP Year DOY (YYMMDD) at 00:00:00 [B]	Target-board-range dependent (mm)		Satellite-range dependent (mm)		Filter correction (090112) (mm) [5]	TOTAL Correction	
		PREVIOUS (080530) [1]	CURRENT (090112) [2]	PREVIOUS (080530) [3]	CURRENT (090112) [4]		PREVIOUS (080530) [6]=[1]+[3]	CURRENT (090112) [7]=[2]+[4]+[5]
1983 274 (831001)	1994 013 (940113)	-	-	-	-	+1.5	-	+1.5
1994 013 (940113)	1994 274 (941001)	-	+6	-	SLRMail 0891	+1.5	-	+7.5+[4]
1994 274 (941001)	1996 137 (960516)	-5.5	+6	+8	SLRMail 0891	+1.5	+2 (2.5)	+7.5+[4]
1996 137 (960516)	1997 295 (971022)	-5.5	+4	+8	SLRMail 0891	+1.5	+2 (2.5)	+5.5+[4]
1997 295 (971022)	1999 210 (990729)	-5.5	+2	+8	SLRMail 0891	+1.5	+2 (2.5)	+3.5+[4]
1999 210 (990729)	2001 080 (010321)	-5.5	+9	+8	SLRMail 0891	+1.5	+2 (2.5)	+10.5+[4]
2001 080 (010321)	2002 032 (020201)	-5.5	0	+8	SLRMail 0891	+1.5	+2 (2.5)	+1.5+[4]
2002 032 (020201)	2002 277 (021004)	-5.5	0	0	-	+1.5	-6 (-5.5)	+1.5
2002 277 (021004)	2006 200 (060719)	-5.5	+13	0	-	+1.5	-6 (-5.5)	+14.5
2006 200 (060719)	2007 042 (070211)	-5.5	+12	0	-	+1.5	-6 (-5.5)	+13.5
2007 042 (070211)	-	-	0	0	-	0	0	0

NOTE (a): that the satellite-range-dependent correction given in SLRMail #0891 is in two-way ps, and that it should be applied from 1994 day 013 to 2002 day 031 inclusive (NOT JUST from 1994 October 1 as stated in the SLRMail #0891).

NOTE (b): if you have already applied the SLRMail #0891 corrections to the data (at the individual range level), you should NOT repeat the addition of [4] in column [7]!!!

NOTE (c): in column [6], the previously published values in the ILRS web pages table (May 30, 2008) were rounded to integer millimeters, while the originally presented values at the Grasse (ILRS AWG meeting, Sept. 24, 2007), were given with an extra decimal, so we have included those values in (...) for clarity.